

Appl. No. : Unknown
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AMENDMENTS TO THE ABSTRACT

Please amend the abstract as follows:

A method and system are disclosed for generating enhanced images of multiple dimensional data using a depth-buffer segmentation process (218). The method and system operate in a computer system modify the image by generating a reduced-dimensionality image data set from a ~~multi-dimensional~~ multidimensional image by formulating a set of projection paths through image points selected from the ~~multi-dimensional~~ multidimensional image (212), selecting an image point along each projection path, analyzing each image point to determine ~~spacial~~ spatial similarities with at least one other point adjacent to the selected image point in a given dimension, and grouping the image point with the adjacent point (222) or ~~spacial~~ spatial similarities between the points is found thereby defining the data set.